

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|-------|--|---|------------------|---------|---------------------|
| L1    | 94923 | pvf pvdf polyvinylidene fluoride<br>polyvinylidene<br>polyvinylidenedifluoride "poly<br>(vinylidene fluoride)" "poly<br>(vinylidenefluoride)" "poly<br>(vinylidene difluoride)" "poly<br>(vinylidenedifluoride)" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/03/26<br>11:43 |
| L2    | 1394  | 1 near3 (homopolymer\$4 homo-<br>polymer\$4)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/03/26<br>11:45 |
| L3    | 1879  | 1 near3 (homopolymer\$4 homo-<br>polymer\$4 monomer)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/03/26<br>11:45 |
| L4    | 1442  | 3 not lithium  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/03/26<br>11:45 |
| L5    | 437   | 3 not 4  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/03/26<br>11:45 |
| L6    | 160   | 5 and butyrolactone  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2008/03/26<br>11:46 |
| L7    | 4     | ("4655963"   "5296318"  <br>"5571634"   "5609975").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2008/03/26<br>11:48 |
| L8    | 11    | ("4238571"   "4384047"  <br>"5456000"   "5470357"  <br>"5631103"   "5639573"  <br>"5716421"   "5853916"  <br>"6024773"   "6225010"  <br>"6235066").PN.   | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2008/03/26<br>11:51 |
| L9    | 1     | ("5618640").PN.  | US-PGPUB;<br>USPAT; USOCR   | OR               | ON      | 2008/03/26<br>11:54 |

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| L10 | 84 | 1 with (libf4! "libf.sub.4"<br>"fluoroborate" tetrafluoroborate)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>12:04 |
| L11 | 41 | 10 and (homopolymer\$4 homo-<br>polymer\$4 monomer)   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>12:04 |
| L12 | 43 | 10 not 11   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>12:18 |
| L13 | 0  | "pvdf-1000"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>12:25 |
| L14 | 7  | "pvdf 1000"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>12:25 |
| L15 | 2  | "2000235868"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>12:39 |
| L16 | 14 | ("4668595"   "5147738"  <br>"5244757"   "5720780"  <br>"5922493"   "6106973"  <br>"6589499").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>13:20 |
| L17 | 66 | ("4366215"   "4507371"  <br>"4567031"   "4668595"  <br>"4770960"   "4956247"  <br>"5084366"   "5147738"  <br>"5160712"   "5168019"  <br>"5169736"   "5180574"  <br>"5264201"   "5286582"  <br>"5316877"   "5356731"  <br>"5370949"   "5429890"  <br>"5478671"   "5478673"  <br>"5478674"   "5478675"  <br>"5487960"   "5506077"  <br>"5518842"   "5591543"  <br>"5609975"   "5618640" | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/03/26<br>13:21 |

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|     |    | "5620812"   "5626635"  <br>"5631105"   "5648057"  <br>"5672329"   "5672446"  <br>"5674645"   "5677087"  <br>"5679481"   "5683835"  <br>"5686203"   "5693435"  <br>"5700598"   "5718989"  <br>"5750288"   "5759717"  <br>"5766800"   "5780181"  <br>"5783332"   "5783333"  <br>"5789115"   "5795558"  <br>"5858324"   "5866279"  <br>"5879654"   "5885544"  <br>"5891416"   "5900385"  <br>"5958624"   "5965293"  <br>"6017654"   "6048643"  <br>"6071645"   "6080510"  <br>"6117410").PN. OR ("6589499").<br>URPN. |   |    |    |                     |
| L18 | 47 | ("4710335"   "4940605"  <br>"4964877"   "5286582"  <br>"5316875"   "5409786"  <br>"5443601").PN. OR ("5609975").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/03/26<br>13:24 |
| L19 | 20 | ("4366215"   "4369105"  <br>"4542083"   "4567031").PN. OR<br>("5147738").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/03/26<br>13:26 |
| L20 | 13 | "10001316"   | US-PGPUB;<br>USPAT; USOCR   | OR | ON | 2008/03/26<br>15:23 |
| L21 | 25 | "10001316"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:23 |
| L22 | 10 | ("20020081495"   "5147738"  <br>"5702843"   "5709969"  <br>"6395426").PN.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:30 |
| L23 | 6  | "2123489"  | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | ON | 2008/03/26<br>15:32 |
| L24 | 10 | "646546"   | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | ON | 2008/03/26<br>15:32 |
| L25 | 11 | "672622"   | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | ON | 2008/03/26<br>15:33 |

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| L26 | 12 | "712172"          | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:33 |
| L27 | 6  | "717455"          | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:33 |
| L28 | 1  | 1996-279840.NRAN. | DERWENT                                   | OR | ON | 2008/03/26<br>15:33 |
| L29 | 11 | "744381"          | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:34 |
| L30 | 8  | "840386"          | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:34 |
| L31 | 9  | "864539"          | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:34 |
| L32 | 8  | "885845"          | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:35 |
| L33 | 22 | "326263"          | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:35 |
| L34 | 23 | "329263"          | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:35 |
| L35 | 0  | "60329263"        | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:35 |
| L36 | 0  | "01329263"        | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:36 |
| L37 | 2  | "04329263"        | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:36 |
| L38 | 2  | "04345759"        | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:36 |

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| L39 | 2  | "06124707"  | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:36 |
| L40 | 38 | "4366215"   "4507371"  <br>"4668595"   "4980251"  <br>"5147738"   "5153081"  <br>"5160712"   "5166012"  <br>"5169736"   "5240794"  <br>"5264201"   "5316877"  <br>"5370949"   "5425932"  <br>"5429890"   "5478671"  <br>"5478672"   "5478674"  <br>"5478675"   "5518842"  <br>"5595842"   "5609975"  <br>"5620812"   "5626635"  <br>"5631105"   "5658693"  <br>"5672329"   "5674645"  <br>"5677087"   "5686203"  <br>"5718989"   "5750288"  <br>"5783333"   "5795558"  <br>"5866279"   "6017654"  <br>"6071645"   "6277521").PN.  | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2008/03/26<br>15:37 |
| L41 | 64 | "4366215"   "4465747"  <br>"4507371"   "4567031"  <br>"4668595"   "4770960"  <br>"4925752"   "5084366"  <br>"5147738"   "5160712"  <br>"5168019"   "5169736"  <br>"5180574"   "5264201"  <br>"5286582"   "5316877"  <br>"5356731"   "5370949"  <br>"5429890"   "5478671"  <br>"5478673"   "5478674"  <br>"5478675"   "5487960"  <br>"5503930"   "5506077"  <br>"5518842"   "5591543"  <br>"5595842"   "5609975"  <br>"5618640"   "5620812"  <br>"5626635"   "5631105"  <br>"5648057"   "5672329"  <br>"5672446"   "5674645"  <br>"5677087"   "5679481"  <br>"5686203"   "5693435"  <br>"5700598"   "5718989"  <br>"5750288"   "5759717"  <br>"5766800"   "5780181"  <br>"5783332"   "5783333"  <br>"5789115"   "5795558"  <br>"5866279"   "5871863"  <br>"5879654"   "5885544"  <br>"5891416"   "5900385"  <br>"5958624"   "5965293"  <br>"6017654"   "6048643"  <br>"6071645"   "6080510").PN. | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2008/03/26<br>15:38 |

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| L42 | 7  | ("5147738"   "5605773"   "5780181"   "5869208"   "5958624"   "6040089"   "6071645").PN. | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2008/03/26<br>15:39 |
| L43 | 20 | ("4366215"   "4369105"   "4542083"   "4567031").PN. OR ("5147738").URPN.                | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2008/03/26<br>15:41 |
| L44 | 16 | ("5147738").URPN.   | USPAT                                     | OR | ON | 2008/03/26<br>15:42 |
| L45 | 79 | ("4668595").URPN.   | USPAT                                     | OR | ON | 2008/03/26<br>15:43 |
| L46 | 7  | "1069633"   | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:45 |
| L47 | 2  | "05067467"  | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:45 |
| L48 | 2  | "10279315"  | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:46 |
| L49 | 2  | "10310430"  | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:46 |
| L50 | 2  | "11049519"  | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:46 |
| L51 | 2  | "2000268821"  | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:47 |
| L52 | 1  | "99049528"  | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:48 |
| L53 | 3  | "9949528"   | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:48 |
| L54 | 6  | ("20020081495"   "20040137325"   "5147738"   "5702843"   "5709969"   "6395426").PN.     | US-PGPUB;<br>USPAT; USOCR                 | OR | ON | 2008/03/26<br>15:48 |
| L55 | 2  | "06325791"  | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:50 |

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| L56 | 1     | "5538814".pn.                                    | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | ON | 2008/03/26<br>15:50 |
| L57 | 1     | "6582854".pn.                                    | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | ON | 2008/03/26<br>15:51 |
| L58 | 8065  | li adj co "lithium cobalt" "lithium cobaltate"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:57 |
| L59 | 1732  | 58 same (nb ti sn mg)                            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:57 |
| L60 | 103   | 58 same (nb ti sn mg)                            | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | ON | 2008/03/26<br>15:58 |
| L61 | 85    | 58 same (nb)                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>15:59 |
| L62 | 2     | "6929883".pn.                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>16:02 |
| L63 | 4     | "7306779".pn.                                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>16:03 |
| L64 | 89    | 60 not 61  | FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB                               | OR | ON | 2008/03/26<br>16:24 |
| L65 | 20400 | li near2 co "lithium cobalt" "lithium cobaltate" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>16:29 |

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| L66 | 394  | 65 same (nb niobium)  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>16:30 |
| L67 | 309  | 66 not 61   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>16:30 |
| L68 | 2    | "2000138075"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>17:28 |
| L69 | 1117 | 429/217.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>17:54 |
| L70 | 814  | 429/231.3.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>17:54 |
| L71 | 949  | 429/231.5.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>17:55 |
| L72 | 547  | 429/231.6.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2008/03/26<br>17:55 |
| L73 | 37   | (US-20020110731-\$ or US-20010014420-\$ or US-20020055047-\$ or US-20020081495-\$ or US-20070111097-\$ or US-20040137325-\$).did. or (US-6051343-\$ or US-6200703-\$ or US-5631103-\$ or US-4384047-\$ or US-6426165-\$ or US-6541157-\$ or US-6306509-\$ or US-7074382-\$ or US-5609975-\$ or US-5147738-\$ or US-6932922-\$ or US-6620400-\$ or US-6589499-\$ or US-6582854-\$ or US- | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT                                | OR | ON | 2008/03/26<br>17:56 |



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| 6579475-\$ or US-6582852-\$ or<br>US-6368750-\$ or US-4668595-\$<br>or US-7306779-\$ or US-6277521-<br>\$ or US-6929883-\$ or US-<br>6818351-\$).did. or (EP-997957-<br>\$).did. or (JP-06325791-\$ or JP-<br>2000200607-\$ or JP-04190560-\$<br>or JP-2000011993-\$ or JP-<br>2000200605-\$).did. or (EP-<br>1030397-A-\$ or JP-2000268821-<br>\$ or JP-2001223008-\$ or JP-<br>2000138075-\$).did. |  |  |  |
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